AMENDMENTS TO THE CLAIMS

This listing of claim will replace all prior versions and listings of claim in the application.

1.-79. (canceled)

80.   (currently amended) A synchronizer provided on a network coupled processing device comprising:

computer code for comparing at least one file on the personal computer and a record of the file on the computer, and providing binary differencing data between the file and the record of the file; and

a transaction generator providing at least one binary difference transaction including said binary differencing data to an output <u>for forwarding to a network coupled server, the server using the binary differencing data to synchronize at least one other network coupled processing device.</u>

81.   (previously presented) The synchronizer of claim 80 wherein the output is coupled to a network, and the synchronizer is operatively coupled to at least one storage server via the network, the storage server receiving said difference transaction from said synchronizer.

82.   (previously presented) The synchronizer of claim 81 wherein the synchronizer receives at least one binary difference transaction from the storage server, and further including computer code for applying the received difference transaction to the at least one file on the device.

83.   (previously presented) The synchronizer of claim 82 wherein the synchronizer includes code for updating the record of the file on the device subsequent to applying the received difference transaction.

84.   (previously presented) The synchronizer of claim 80 wherein the output 1 is coupled to a second synchronizer and the binary difference transaction is provided to said second

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synchronizer.

85.   (previously presented)   The synchronizer of claim 84 wherein the second synchronizer is on said device.

86.   (previously presented)   The synchronizer of claim 84 wherein the second synchronizer is coupled to a network, and the output of the transaction generator is coupled to the network and the second synchronizer.

87.   (previously presented)   The synchronizer of claim 80 wherein the output is coupled to a network and the synchronizer is operatively coupled to at least one storage server via the network receiving said difference transaction from said synchronizer via the network, and the second synchronizer is coupled to the storage server.

88.   (previously presented) The synchronizer of claim 80 wherein the synchronizer further includes an encryption routine encrypting the difference transaction.

89.   (previously presented) The synchronizer of claim 80 wherein the synchronizer further includes a compression routine.

90.   (previously presented) The synchronizer of claim 80 wherein the computer code for comparing at least one file on the personal computer includes Xdelta.

91. – 108. (canceled)

109.   (currently amended) A synchronizer provided on a network coupled server, comprising:

        computer code for comparing at least one file on a network coupled device in communication with the network coupled server and extracting binary differencing data representing the difference between the file and a record of the file; and

        a transaction generator providing at least one transaction including said binary differencing data to an output of the network coupled server.

110.   (previously presented) The synchronizer of claim 109 wherein the record of the file is provided on the network coupled device.

111.   (previously presented) The synchronizer of claim 109 wherein the record of the file is provided on the network coupled server.

112.   (previously presented) The synchronizer of claim 109 wherein the record of the file is a previous version in time of the file.

113.   (previously presented) The synchronizer of claim 109 wherein the synchronizer further includes application code to modify a second version of the file by applying said binary differencing data to the second version of the file.

114.   (previously presented) The synchronizer of claim 113 wherein the second version of the file is on a second network coupled device.

115.   (previously presented) The synchronizer of claim 113 wherein the second version of the file is on the network coupled server.

116.   (previously presented) A binary differencing synchronization system, comprising:

at least a first binary differencing engine coupled to a first network coupled device;

at least a second binary differencing engine coupled to a second network coupled device; and

a storage device coupled to the first and the second network coupled devices storing binary differencing data from and outputting binary differencing data to said at least first and second binary differencing engines.

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